

L. C. HASKELL.
MAGAZINE SHAVING BRUSH.
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1,258,677.

Patented Mar. 12, 1918.

Fig. 1. Fig. 2. Fig. 3. Fig. 4.

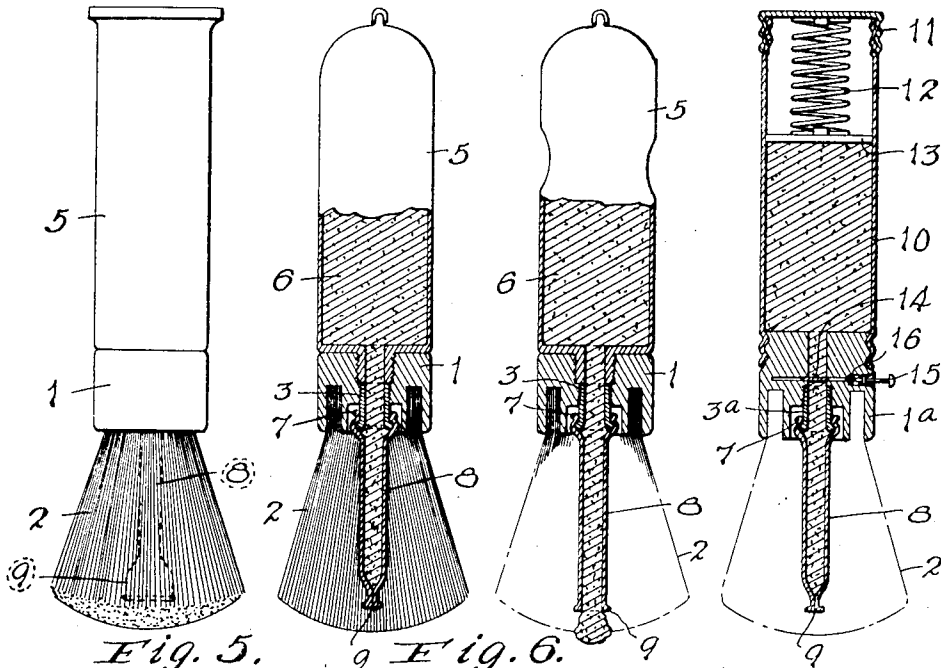


Fig. 5. Fig. 6. Fig. 7.

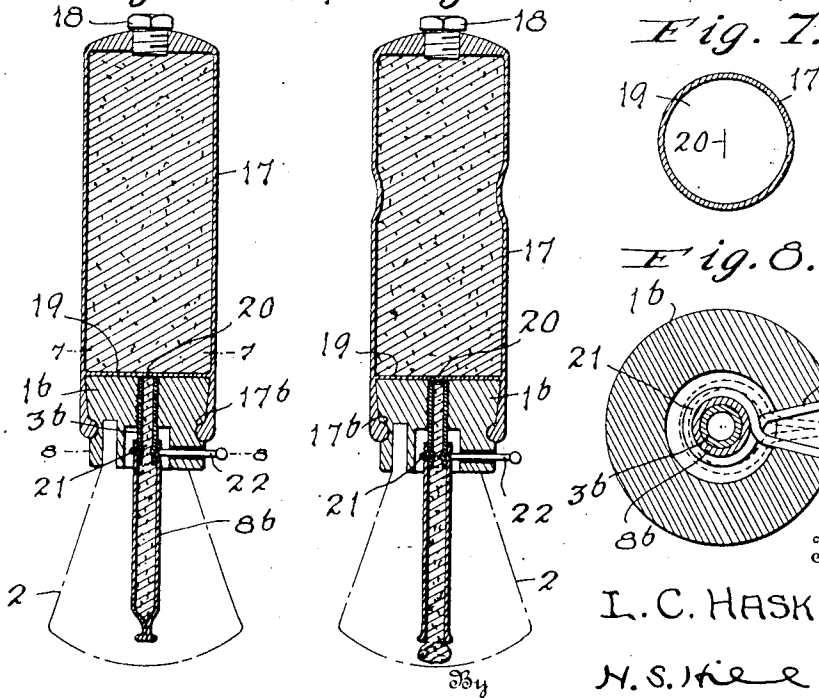
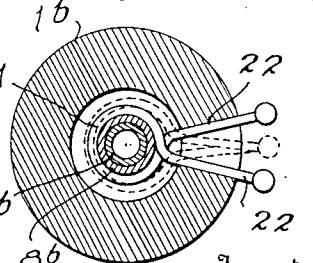


Fig. 8.



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MAGAZINE SHAVING-BRUSH.

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To all whom it may concern:

Be it known that I, LORENZO C. HASKELL, a citizen of the United States, residing at Hesperus, in the county of La Plata, State of Colorado, have invented a new and useful Magazine Shaving-Brush; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The present invention relates to a magazine shaving brush, and has for its object to provide a device of this character which embodies novel features of construction whereby shaving cream can be supplied without waste to the ends of the bristles from a reservoir or magazine in the handle, thereby enabling a lather to be quickly worked up on the face with a minimum amount of trouble.

Further objects of the invention are to provide a magazine shaving brush which is comparatively simple and inexpensive in its construction, which enables the shaving cream to be used without waste, which can be used in substantially the same manner as an ordinary shaving brush, and which is of such a construction that it can be utilized for massaging the face.

With these and other objects in view, the invention consists in certain novel combinations and arrangements of the parts as will more fully appear as the description proceeds, the novel features thereof being pointed out in the appended claims.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawings, in which:—

Figure 1 is a side elevation of a magazine shaving brush constructed in accordance with the invention.

Fig. 2 is a similar view looking at the brush from a position at right angles to that of Fig. 1, portions being broken away and shown in section.

Fig. 3 is a view similar to Fig. 2, showing the shaving cream as being forced through the end of the flexible dispensing tube.

Fig. 4 is a longitudinal sectional view through a modified form of magazine shaving brush.

Fig. 5 is a similar view showing a still further modification.

Fig. 6 is a view similar to Fig. 5, showing

the shaving cream as being forced through the dispensing tube.

Fig. 7 is a horizontal sectional view on the line 7—7 of Fig. 5.

Fig. 8 is an enlarged horizontal sectional view on the line 8—8 of Fig. 5.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Referring to Figs. 1, 2 and 3 of the drawing, which illustrate one embodiment of the invention, the numeral 1 designates a brush head which carries the usual bristles 2. An axial opening extends through the brush head 1, being threaded at the lower end thereof to receive a nipple 3, while the upper end thereof is threaded to receive the conventional discharge end 4 of a metal tube 5. The tube 5 is of the conventional construction and constitutes the handle of the brush, the interior of the tube being filled with shaving paste 6 which is discharged by squeezing the thin metal walls of the tube inwardly toward each other. The nipple 3 projects into a recess 7 formed in the bottom of the head 1, and has the beaded inner end of a rubber dispensing tube 8 expanded and fitted upon the same. This dispensing tube extends centrally through the bristles 2 and terminates short of the outer ends thereof, the discharge end of the dispensing tube being flattened and having the side walls thereof brought together, as indicated at 9. The resiliency of the rubber will normally cause the side walls at the flattened discharge end 9 of the dispensing tube 8 to spring together, thereby closing the tube and preventing the unused shaving cream within the same from being hardened or spoiled by exposure to air and water. When it is desired to use the brush, the tube 5 is compressed and a quantity of shaving paste 6 forced through the nipple 3 and rubber dispensing tube 8. The side walls of the discharge end 9 of the rubber dispensing tube will then spring apart, as shown by Fig. 3, permitting the desired quantity of shaving cream to be discharged at the ends of the bristles where it can be used without waste. It will be noted that the dispensing tube 8 is flexible so that it does not interfere with the use of the brush in the usual manner, and it is intended that this dispensing tube be utilized for massaging purposes, since it is well adapted for

use in working upon the fleshy portions of the face without causing any pain or injury thereto.

A slight modification is shown by Fig. 4, in which a tubular metal handle 10 is fitted upon the brush head 1^a in such a manner as to take the place of the tube 5. A removable cap 11 is threaded upon the outer end of the tubular handle 10 and carries a coil spring 12 which bears against a plunger 13. The shaving cream is designed to be confined within the tubular handle 10 under the spring pressed plunger 13, so that as soon as the valve 14 which controls the opening through the brush head is opened, a quantity of shaving cream will be discharged through the dispensing tube 8, exactly as in the previous instance. The valve 14 is shown as mounted to slide transversely across the opening through the brush head, and is arranged to be controlled by a plunger 15 projecting laterally from the brush head. A spring 16 normally holds the valve in a closed position, although by pressing inwardly upon the plunger 15 the valve can be opened and a quantity of shaving cream permitted to be discharged, this shaving cream being delivered at the ends of the bristles so that there is no waste thereof. As soon as the desired quantity of shaving cream has been ejected, the plunger 15 is released and the valve 14 permitted to return to a closed position.

A still further modification is illustrated by Figs. 5 to 8. In this form of the invention a tubular handle 17 of comparatively stiff rubber is applied to the head 1^b of the brush. The end of the rubber handle 17 which engages the brush head is formed with a thick bead 17^b which is adapted to be expanded over the brush head and to engage a corresponding depression therein, while the outer end of the handle is provided with a filling opening which is normally closed by a removable plug 18. This opening is of just the proper size to receive the threaded sleeve at the discharge end of the metal tubes in which shaving cream is commonly found upon the market, thereby enabling the contents of a tube of shaving cream to be easily forced into the interior of the rubber handle. A nipple 3^b is fitted in the opening of the brush head 1^b, and a rubber disk 19 is applied to the upper face of the brush head, said rubber disk having a small slit 20 which is arranged directly over the nipple 3^b. The inherent resiliency of the rubber normally holds the side walls of the slit 20 together so as to close the passage through the nipple 3^b, although when the side walls of the rubber handle are squeezed together and the contents of the handle placed under pressure, the shaving cream will be forcibly ejected through the slit 20 of the disk 19 and the nipple 3^b.

The rubber dispensing tube 8^b is applied to the end of the nipple 3^b and extends centrally through the bristles 2 to a point toward the ends thereof, as in the previous instances. If desired, a coiled wire clamping ring 21 may be utilized for securing the end of the rubber dispensing tube 8^b to the nipple 3^b, the ends of the clamping coil crossing each other and terminating in outwardly extending finger pieces 22 which project laterally from the brush head 1^b. When it is desired to expand the coiled clamping ring 21 for the purpose of removing the dispensing tube 8^b or placing it in position, it is merely necessary to force the finger pieces 22 toward each other, as indicated by dotted lines on Fig. 8.

Having thus described the invention, what I claim as new and desire to secure by Letters Patent, is:—

1. A magazine shaving brush including a head having a central recess in the end thereof and formed with a central feed opening extending through the head and communicating with the base of the recess, bristles projecting from the end of the head and surrounding the recess, a nipple fitted removably into the feed opening and arranged with the outer end thereof projecting into the recess of the head, said projecting end of the nipple being spaced from the side walls of the recess to provide a clearance space, a flexible dispensing tube applied to the projecting end of the nipple and extending centrally through the bristles to a point toward the ends thereof, the clearance space between the projecting end of the nipple and the sides of the recess enabling the dispensing tube to be readily fitted upon or removed from the nipple, and a container applied to the back of the head and constructed to supply shaving cream to the feed opening of the head.

2. A magazine shaving brush including a head formed with a feed opening which extends through the same, bristles projecting from the end of the head, a nipple fitted into the end of the feed opening and projecting from the head, a flexible dispensing tube having the end thereof slipped upon the nipple and extending centrally through the bristles to a point near the ends thereof, a clamp for detachably securing the feed tube to the nipple, means for manipulating the clamp from one side of the head, and a container applied to the back of the head and constructed to supply paste to the before mentioned feed opening.

3. A magazine shaving brush including a head formed with a feed opening which extends entirely through the same, bristles projecting from the end of the head, a nipple fitted into the end of the feed opening and projecting from the head, a flexible dispensing tube slipped upon the projecting

end of the nipple and extending centrally through the bristles to a point near the ends thereof, a coiled wire clamp for securing the dispensing tube upon the nipple, the ends of
5 the coiled wire clamp crossing each other and terminating in outwardly extending finger pieces which extend from the sides of the brush head, and a container applied to the back of the brush head and constructed to supply paste to the before mentioned feed opening.

10 4. A magazine shaving brush including a head provided with a feed opening which extends through the same, bristles projecting from the end of the head, a flexible dispensing tube in communication with the feed opening and extending centrally through

the bristles to a point near the ends thereof, a rubber disk applied to the back of the brush head and formed with a narrow slit
20 extending across the feed opening, and a hollow handle applied to the back of the brush head and containing a supply of cream adapted to be forcibly expelled through the slit of the rubber disk and the dispensing
25 tube.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LORENZO C. HASKELL.

Witnesses:

E. H. BADER,
LUCILLE GREER.